

SPECIAL BULLETIN

O F F I C E O F T R A I N I N G

No. 6-74

25 February 1974

TO : Agency Training Officers

SUBJECT: Professor D. Allan Bromley --
Next CIA Guest Speaker

Professor D. Allan Bromley will lecture in the CIA Guest Speaker Program in the Headquarters Auditorium from 4 to 6 p.m. on Tuesday, 12 March 1974. Professor Bromley, one of the world's leading nuclear physicists, will speak on "New Frontiers of Physical Science."

Born in 1926 in Canada, he received a B.S. in Engineering Physics and an M.S. in Physics from Queens University in Kingston, Ontario. He received his Ph.D. from the University of Rochester in 1952. He was Senior Research Officer at the Chalk River Laboratories of Atomic Energy of Canada before joining the Yale faculty in 1960. He was appointed to the Chairmanship of the Yale Physics Department in 1970.

He is also Director of the Wright Laboratory at Yale which has housed the first of the very large "Emperor" accelerators. Professor Bromley originated the "Emperor" accelerator concept and collaborated on its design. The largest existing magnetic multigap spectrograph--in effect the world's largest camera--matching the "Emperor" characteristics is available for research use in the laboratory. The Wright Laboratory also houses the world's first completely integrated computer-based data acquisition and control system. These new facilities enable physicists for the first time to probe the detailed structure of all nuclei in nature under conditions of high precision and to understand their interactions.

(Over, please)



While at the University of Rochester, Professor Bromley worked on the design and construction of the first variable energy cyclotron and was the first to utilize the light isotope of helium as a nuclear projectile in extensive nuclear studies at Chalk River in 1955-58. He was responsible for the discovery of the nuclear molecule--a molecular complex consisting of two carbon nuclei--in pioneering work with the first tandem electrostatic accelerator. He is the co-inventor of the semiconductor nuclear detector now used throughout nuclear and related sciences.

He is a consultant to the Brookhaven, Los Alamos, and Oak Ridge National Laboratories, to a number of large corporations involved in advanced technology, and is a consulting editor for McGraw-Hill. He has published over 225 scientific and technical articles and edited four books. He is one of four U.S. Delegates to the General Assembly of the International Union of Pure and Applied Physics and has served on a number of committees reporting to the State Department and to the Agency for International Development.

Tickets for Professor Bromley's talk will be available from component training officers. Those attending are asked to be in their seats by 3:55 p.m. when admittance for non-ticket holders will begin on a first-come, first-serve basis. Questions regarding this program should be directed to [REDACTED] Special Programs Officer, OTR, Extension [REDACTED]

STATINTL

STATINTL